

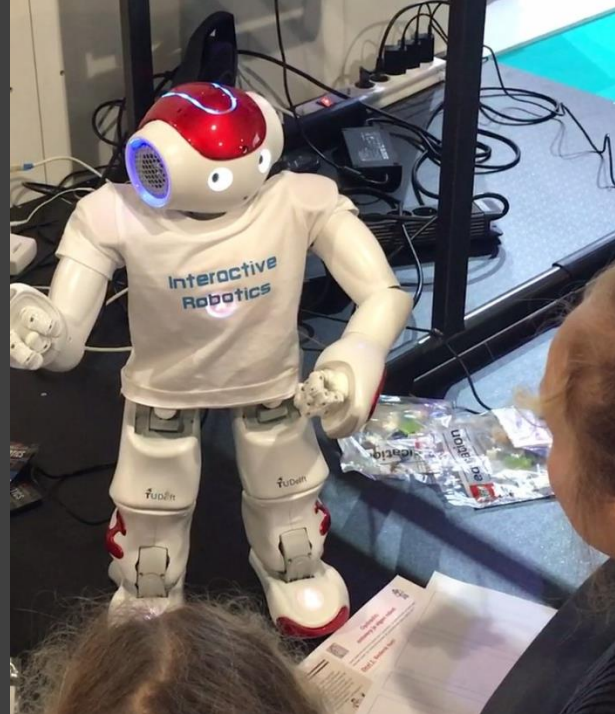
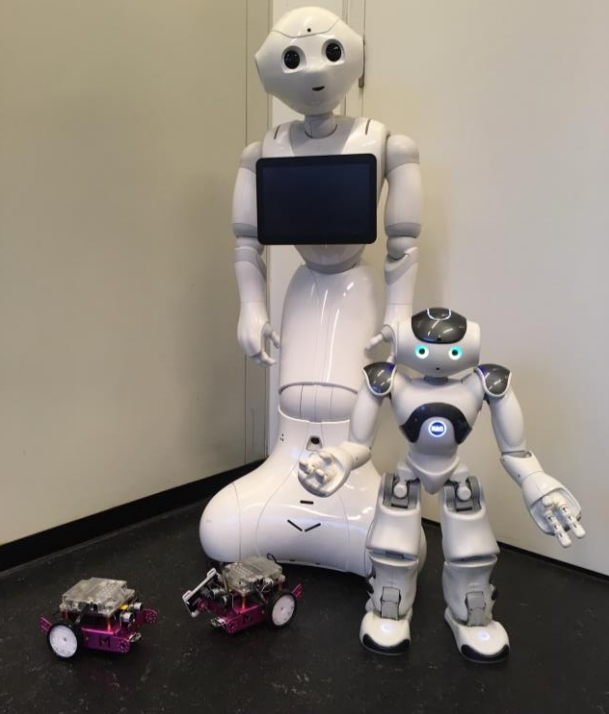


# [a]social creatures



- The **[a]social creatures lab** focusses on understanding social interaction with and between artificial creatures.
- We study the boundaries of what social interaction with artificial creatures means by **varying form, complexity and function** including humanoids, abstractly shaped robots, intelligent virtual agents, avatars, non-playing characters, conversational agents, and swarm robots.
- We question to what extent the behavior of our creatures can be classified as social by studying **human perception** of the behavior of our creatures, **effects on humans** induced by the behavior of our creatures, as well as the **emergence of interaction patterns** between our creatures as a model for social interaction in nature.





# Bachelor projecten

- Educational Robots
  - How do children interact with robots and can they learn from/with them?
- LIACS Reception robot
  - We have a pepper... but no reception function
- Robots with deep voice
  - How do people react to a robot that has the same voice as they have?
- Social Reinforcement Learning
  - Can emotions be used for transparency of learning and for feedback from people?





# Facilities

Deep Learning prototype workstation

Robot Lab (408)

NAO robot x 2

Pepper robot

MakeX x 16

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# Contact

Joost Broekens

[Joost.Broekens@gmail.com](mailto:Joost.Broekens@gmail.com)

Room 132, LIACS